

THE UNITED STRATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHAME COME;

Shamrock Seed Company, Inc.

MUCCUS, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT. THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW, IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE PLANT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR CONTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE PURPOSE, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT BY THE PLANT VARIETY PROTECTION ACT. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

LETTUCE

'Beretta'

In Jestimonn Marcot, I have hereunto set my hand and caused the seal of the Plant Anciety Frotection Office to be affixed at the City of Washington, D.C. this sixth day of September, in the year two thousand and six.

Attest.

Commissioner

Plant Variety Protection Office Agricultural Marketing Service of Agriculture

SIGNATURE OF OWNER		SIGNATURE OF OWNER		
NAME (Please print or type)		NAME. (Please print or type)		
Larry D. Knerr		Larry D. Knerr		
CAPACITY OR TITLE	DATE	CAPACITY OR TITLE	DATE	
Research Director	09/18/2003	Research Director	09/18/2003	

(See reverse for instructions and information collection burden statement)

INSTRUCTIONS

GENERAL: To be effectively filed with the Plant Variety Protection Office (PVPO), ALL of the following items must be received in the PVPO. (1) Completed application form signed by the owner; (2) completed exhibits A, B, C, E; (3) for a seed reproduced variety at least 2,500 viable untreated seeds, for a hybrid variety at least 2,500 untreated seeds of each line necessary to reproduce the variety, or for tuber reproduced varieties verification that a viable (in the sense that it will reproduce an entire plant) tissue culture will be deposited and maintained in an approved public repository; (4) check drawn on a U.S. bank for \$3,652 (\$432 filling fee and \$3,220 examination fee), payable to "Treasurer of the United States" (See Section 97.6 of the Regulations and Rules of Practice.) Partial applications will be held in the PVPO for not more than 90 days, then returned to the applicant as unfiled. Mail application and other requirements to Plant Variety Protection Office, AMS, USDA, Room 401, NAL Building, 10301 Baltimore Avenue, Beltsville, MD 20705-2351. Retain one copy for your files. All items on the face of the application are self explanatory unless noted below. Corrections on the application form and exhibits must be initialed and dated. DO NOT use masking materials to make corrections. If a certificate is allowed, you will be requested to send a check payable to "Treasurer of the United States" in the amount of \$432 for issuance of the certificate. Certificates will be issued to owner, not licensee or agent.

Plant Variety Protection Office Telephone: (301) 504-5518 FAX: (301) 504-5291

Homepage: http://www.ams.usda.gov/science/pvpo/pvp.htm

To avoid conflict with other variety names in use, the applicant must check the appropriate recognized authority and provide evidence that name has been cleared by the appropriate recognized authority before the Certificate of Protection is issued. For example, for agricultural and vegetable crops, contact: Seed Branch, AMS, USDA, 10301 Baltimore Avenue, Suite 401 NAL Building, Beltsville, MD 20705. Telephone: (301) 504-5682 http://www.ams.usda.gov/lsg/seed.htm.

ITEM

19a. Give:

- (1) the genealogy, including public and commercial varieties, lines, or clones used, and the breeding method;
- (2) the details of subsequent stages of selection and multiplication;
- (3) evidence of uniformity and stability; and
- (4) the type and frequency of variants during reproduction and multiplication and state how these variants may be identified
- 19b. Give a summary of the variety's distinctness. Clearly state how this application variety may be distinguished from all other varieties in the same crop. If the new variety is most similar to one variety or a group of related varieties:
 - (1) identify these varieties and state all differences objectively;
 - (2) attach statistical data for characters expressed numerically and demonstrate that these are clear differences; and
 - (3) submit, if helpful, seed and plant specimens or photographs (prints) of seed and plant comparisons which clearly indicate distinctness.
- 19c. Exhibit C forms are available from the PVPO Office for most crops; specify crop kind. Fill in Exhibit C (Objective Description of Variety) form as completely as possible to describe your variety.
- 19d. Optional additional characteristics and/or photographs. Describe any additional characteristics that cannot be accurately conveyed in Exhibit C. Use comparative varieties as is necessary to reveal more accurately the characteristics that are difficult to describe, such as plant habit, plant color, disease resistance, etc.
- 19e. Section 52(5) of the Act requires applicants to furnish a statement of the basis of the applicant's ownership. An Exhibit E form is available from the PVPO.
- 20. If "Yes" is specified (seed of this variety be sold by variety name only, as a class of certified seed), the applicant MAY NOT reverse this affirmative decision after the variety has been sold and so labeled, the decision published, or the certificate issued. However, if "No" has been specified, the applicant may change the choice. (See Regulations and Rules of Practice, Section 97.103).
- 23. See Sections 41, 42, and 43 of the Act and Section 97.5 of the regulations for eligibility requirements.
- 24. See Section 55 of the Act for instructions on claiming the benefit of an earlier filing date.
- 22. CONTINUED FROM FRONT (Please provide a statement as to the limitation and sequence of generations that may be certified.)
- 23. CONTINUED FROM FRONT (Please provide the date of first sale, disposition, transfer, or use for each country and the circumstances, if the variety (including any harvested material) or a hybrid produced from this variety has been sold, disposed of, transferred, or used in the U.S. or other countries.)

 Jan 10, 2003
- 24. CONTINUED FROM FRONT (Please give the country, date of filing or issuance, and assigned reference number, if the variety or any component of the variety is protected by intellectual property right (Plant Breeder's Right or Patent).)

NOTES: It is the responsibility of the applicant/owner to keep the PVPO informed of any changes of address or change of ownership or assignment or owner's representative during the life of the application/certificate. The fees for filing a change of address; owner's representative; ownership or assignment; or any modification of owner's name is specified in Section 97.175 of the regulations. (See Section 101 of the Act, and Sections 97.130, 97.131, 97.175(h) of the Regulations and Rules of Practice.)

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0581-0055. The time required to complete this information collection is estimated to average 1.4 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing end reviewing the collection of information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, gender, religion, age, disability, sexual orientation, marital or family status, political beliefs, parental status, or protected genetic information. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at 202-720-2600 (voice and TDD).

To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 14th and Independence Avenue, SW, Washington, DC 20250-9410 or cell 202-720-5964 (voice and TDD). USDA is an equal opportunity provider and employer.

EXHIBIT A

Origin and Breeding History of the Variety

'Beretta' was developed from an original cross, made in 1995. The female parent in this cross is the variety 'Darkland EL'. The male parent in this cross is the variety 'Parris Island Cos'. Through pedigree selection for plant type, a stable and uniform F5 line was selected in 1999 that was used as stock seed to produce 'Beretta'. Each generation of selection was carried out in the United States desert southwest (Yuma, Arizona/Winterhaven, California) or Salinas, California. Selection criteria for each generation included, leaf color, head shape, head size, head weight, and straightness of ribs. 'Beretta' has been reproduced and judged stable and uniform for four generations (1999 through 2002) of seed increase. 'Beretta' is uniform for all traits as described in Exhibit C and no off-types or naturally occurring variants have been observed. The pedigree, using notation adhered to by Shamrock Seed Company, for 'Beretta' is noted below.

[Darkland EL x Parris Island Cos]-A1F4(Bulk)

Generation	Selection Site	Date
F2	Salinas, CA	April 1996
F3	Yuma, Arizona	December 1997
F4	Winterhaven, CA	December 1998
F5	Winterhaven CA	December 1999

RAP 5/25/06

EXHIBIT B

Statement of Distinctness

'Beretta' is most similar to the variety 'Darkland'. The most widely grown, similar variety in the same planting slot as 'Beretta' is 'Green Towers'. 'Beretta' has a lighter leaf color than 'Darkland' and a darker leaf color than 'Green Towers'. 'Beretta' is also 3-4 days earlier to mature than either 'Darkland' or 'Green Towers'.

Cos

The following table demonstrates the color and maturity differences among these varieties:

Table 1.

Variety	Days to Maturity	Color at Maturity*
Beretta	74	137D
Darkland 1	78	137C
Green Towers	77	143A

^{*}As determined by RHS color chart.

Most importantly, 'Beretta' produces a heavier head weight than either 'Darklnad' or 'Green Towers.' This difference was significant at the 95% confidence level (LSD 0.05), in each of four trials, as shown in the table below.

EXHIBIT B

Statement of Distinctness

Table 2.

Head Weight at Maturity (grams)

Trial 1, Salinas, CA, planting date 2/14/03

	Variety	N	Mean	SD	LSD(0.05)
2000	Beretta	24	1017.0	82.42	-
1/1/2/06	Darkland Coら	24	919.8	94.02	86.9
2 ph 6 5/25/06	Green Towers	24	839.3	163.69	00.5
Trial 2	2, Gonzalez, CA, pl	anting date	6/27/02		
·	Beretta	24	1135.4	85.69	
	Darkland	24	1060.0	95.09	62.80
	Green Towers	24	1021.4	86.01	
Trial 3	3, Holtville, CA,. pl	anting date	9/23/02		
	Beretta	24	800.1	42.49	
	Darkland	24	737.4	57.88	33.7
	Green Towers	24	758.7	38.55	
Trial 4	l, Yuma, AZ, planti	ng date 12/	10/02	,	
	Beretta	24	1021.4	59.26	•
	Darkland	24	969.9	55.39	47.0
	Green Towers	24	930.0	77.77	1710

EXHIBIT B, Attachment

- Contact of								
والمركزة المناز المتاز	PVP Application, Romaine Lettuce (Lactuca sativa) 'Beretta'							
have a very drop t	3 -10		EXHIBIT I	B, Attachment				
6/2	5104		Statement of	of Distinctness				
COS	Raw Data, N	Mature Head \	Weight (grams)					
Final Market Market Co.	Trial 1			Trial 2				
C09	Beretta	Darkland Gr	een Towers	Beretta	Darkland	Green Towers		
, N	915	798	907	1172	1189	982		
AN ASSESSMENT OF THE PROPERTY	1132	1024	798	996	1046	1046		
	909	900	579	1148	1092	1120		
	1250	1017	906	1154	973	1003		
	1018	802	813	1372	1104	998		
	1025	923	677	1096	923	972		
	892	785	984	1015	1114	1143		
	949	915	971	1036	1089	977		
	977	1106	1042	1188	1233	1013		
	1124	796	812	1020	992	1115		
	1011	825	1168	1204	981	987		
	1120	1020	850	1192	1013	1019		
	1046	901	595	1063	1071	904		
	973	850	591	1159	1168	1022		
	1014	866	1065	1082	903	914		
	1012	872	855	1103	1085	1211		
	997	920	922	1086	1224	966		
	1006	933	844	1094	1101	922		
	1008	947	691	1129	1099	1106		
	1001	928	636	1111	946	1122		
	1103	887	1004	1187	1060	1133		
	1018	. 914	629	1249	914	901		
	998	1011	917	1242	977	1014		
	911	1134	888	1152	1142	923		

RAD

Komaine Beretta 5/25/06

PVP Application, Vanguard Group Lettuce (Lactuca sativa) 'Golossus'

EXHIBIT B. Attachman

Statement of Distinctness

2AN 5/25/100 Raw Data, Mature Head Weight (grams)

Trial 3 Trial 4

\sim	Beretta	Darkland G	reen Towers	Porotta	Dorkland	Groop Toword
(109	Deletta	Darkianu, G	reen Towers	Beretta	Darkland	Green Towers
/A	, 777	743	763	1043	992	1016
1	804	822	721	1022	1066	862
	786	683	783	994	908	904
	746	901	701	1103	960	933
	912	692	695	1069	965	964
	794	707	766	986	894	817
	810	722	786	1043	970	916
	755	723	811	1027	986	940
	792	779	743	995	1007	902
	856	714	762	1130	988	916
•	762	603	723	1046	972	939
	773	749	762	878	1038	905
	809	695	797	971	991	882
	790	766	759	1024	933	930
	804	750	788	999	1042	1010
	837	781	822	1084	911	967
	845	692	734	1034	977	872
	826	755	706	1033	947	1063
	793	783	785	1086	1023	955
	774	732	750	981	970	927
	841	776	801	1002	803	871
	696	681	795	1030	1014	744
	803	756	682	1055	942	1130
	817	692	773	878	979	956

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U. S. DEPARTMENT OF AGRICULTURE AGRICULTURAL MARKETING SERVICE SCIENCE AND TECHNOLOGY PLANT VARIETY PROTECTION OFFICE BELTSVILLE, MD 20705

EXHIBIT C (Lettuce)

OBJECTIVE DESCRIPTION OF VARIETY LETTUCE (Lactuce seting 1.)

LETTUCE (La	ctuca sativa L.)
NAME OF APPLICANT(S) Shamrock Seed Co., Inc.	FOR OFFICIAL USE ONLY
ADDRESS (Street and No. or RD No., City, State, and ZIP Code)	PVPO NUMBE 2 0 0 4 0 0 0 1 0
3 Harris Place	VARIETY NAME
Salinas, CA 93901	
USA	EXPERIMENTAL DESIGNATION
Place the appropriate number that describes the varietal character in the boxes below. P or 9 or less. Measured data should be the mean of an appropriate number (at least 20) or be used to determine plant colors.	lace a zero in the first box (eg. 0 9 9 or 0 9) when number is either 99 or less f well spaced plants. Royal Horticultural Society or any recognized color standard may
The location of the test area is: Gilroy, CA (West Coast)	Color System Used: RHS Color Chart
SPECIFIC VARIETIES USED FOR COMPARISON AS CHECK VARI	IETIES IN THIS APPLICATION: Use standard regional check varietie
which are adapted to your area. One of the comparison varieties must be	the most similar variety used in Exhibit B.
Application Variety (a1.) Beretta N	fost Similar Variety (c1.) Darkland
Standard Regional Check Variety (c2.) Green Towers	
1. PLANT TYPE: (See list of suggested check varieties page 4.)	
01= Cutting/Leaf 04= Cos or Romaine	07= Salinas Group 10= Latin
02= Butterhead 05= Great Lakes Group	08= Eastern (Ithaca) Group 11= OTHER (Specify below): 09= Stem
(a1.) 0 4	(c1.) 0 4 (c2.) 0 4
2. SEED:	
(4)	<u></u>
harman a mana a mana	HT DORMANCY (a1.) 2 HEAT DORMANCY
(-1)	ight Required 1= Susceptible ight Not Required (c1.) 2 2= Not Susceptible
3= Brown (Amber)	ight Not Required (c1.) 2 2= Not Susceptible
(c2.) $\begin{bmatrix} 1 \end{bmatrix}$ (c2.) $\begin{bmatrix} 2 \end{bmatrix}$	(c2.) 2
·	
3. COTYLEDON TO FOURTH LEAF STAGE: NOTE: Provide a color r	
optimal conditions.	photograph or photocopy of the fourth leaf from 20 day old seedling grown under
SHAPE OF COTYLEDONS: 1=Broad 2= Intermedia	te 3= Spatulate
(a1.) 2	(c1.) 2 (c2.) 2
	$oldsymbol{U}$

3.	Cotyledon to Fourth Lea	f Store (Continue)	<u> </u>	·				Exhibit C	(Lettuce) Page 3 of
J.)		,		20	04 00	010
	ROLLING:	1= Absent		2= Present				~ , * *	
÷			(a1.)	1	(c1.)	1	(c2.)	1	
	CUPPING:	1= Uncupped		2= Slight		3=1	Markedly	ı	
			(a1.)	2	(c1.)	2	(c2.)	2	
	REFLEXING:	1= None		2= Apical Ma	rgin	3= I	ateral Marg	rins	
			(a1.)	2	(c1.)	2	(c2.)	2	•
•	MATURE LEAVES (Obs.	erve Harvest-Mature Ou	ter Leaves)	NOTE: Provide characteristics.	color photo of	a harvest-ma	ture leaf which	accurately sho	ows color and margin
	INCISION DEPTH: (deepest penetration of the margin)	1=Absent/Shall 3= Deep (Grea		Green Boston) 59)	2=	Moderate	(Vanguard)		
			(a1.)	2	(c1.)	2	(c2.)	2	
	INDENTATION: (finest divisions of the margin)	1= Entire (Dark 2= Shallowly D 3= Deeply Den	entate (G	reat Lakes 65)		Crenate (\ OTHER (
			(a1.)	2	(c1.)	2	(c2.)	2	
٠.	UNDULATIONS OF APICAL MARGIN:	THE 1= Absent/ 3= Strong (Slight (D Great Lal	ark Green Bosto ces 659)	on) 2=	Moderate	(Vanguard)		***************************************
			(a1.)	2	(c1.)	2	(c2.)	2	
	GREEN COLOR:	1=Very Lig 2= Light gr		•	edium Gree ark Green (•	,	5= Very D IER (Specif	Park Green fy):
٠.			(a1.)	3	(c1.)	4	(c2.)	2	
2	ANTHOCYANIN:		<u>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</u>						
	DISTRIBUTION:	1=Absent 2= Margin Only	(Big Bos	3= Spotted ton) 4= Throug	i (Calif. Cr hout (Prize	eam Butter : Head)) 5= OTH	IER (Specif	îy below):
			(a1.)	1	(c1.)	1	(c2.)	1	
	CONCENTRATION:	1= Light (Icebe	rg)	2= Moderate (1	Prize Head)	3= In	tense (Ruby	·) ·	***************************************
			(a1.)		(c1.)		(c2.)		10

6.	· · · · · · · · · · · · · · · · · · ·						- Exhibit	C (Lettuce) Page 5 of
	BUTT					e		00 0 10
	SHAPE:	1= Slightly Concave		2= Flat		3= Rounded	- V V 4	UUUIU
		3 1,7 - 1,1111	•					
			(a1.)	3	(c1.) 3	(c2.)	3	
	MIDRIB:	1= Flattened (Salina	s)	2= Moderately	Raised	3= Prominently	Raised (Great Lakes 659)
			•			_		Groat Dakes 033)
			(a1.)	3	(c1.) $\frac{3}{3}$		3	
7.	CORE							
	DIAMETER AT BAS	SE OF HEAD:		·				
		OF HEAD.						
			(a1.)	4 4 mm	(c1.)	4 4 mm	(c2.)	3 8 mm
				· · · · · · · · ·				
	RATIO OF HEAD D	IAMETER/CORE DIA	METER	•				17.
			(a1.)		(a1.)		(2)	
			(41.)	0 4 5	(c1.)	0 4 1	(c2.)	0 5 0
	CODE HEICHT EDG	OM BASE OF HEAD TO						
٠	CORE HEIGHT FRU	OM BASE OF HEAD TO	U APEX	:			•	
			(a1.)	5 7 mm	(c1.)	6 3 mm	(c2.)	6 9 mm
				المناجنيا			. ,	L <u>V</u>
	BOLTING (Give First W	ater Date: 2/12/03) NO	TE: First Water Da	te is the date seed	first receives adeque	te moisture	to germinate. This can and
	•			often does equ	al the planting da	te.		•
	NUMBER OF DAYS	FROM FIRST WATER	DATE	TO SEED STAL	K EMERGEI	NCE (summer c	onditions):
		-	(a1.)	1 0 5	(c1.)		(c2.)	
			(424)	1 0 3	(01.)	1 0 9	(02.)	1 0 9
	BOLTING CLASS:	1= Very Slow		3= Medium		C XI D 1		
		2= Slow		4= Rapid		5= Very Rapid		
	•			-		,		
	•		(a1.)	1	(c1.) 1	(c2.)	111	
					(,	(02.)		
					(-1,9 1 -	(62.)		
	HEIGHT OF MATUR	E SEED STALK:			(-1)	(62.)		
	HEIGHT OF MATUR	E SEED STALK:	(al.)	1 o L cm			2 (02)	I I I o lom
	HEIGHT OF MATUR	E SEED STALK:	(a1.)	1 0 4 cm			n (c2.)	1 1 3 cm
				1 0 4 cm			n (c2.)	1 1 3 cm
		RE SEED STALK: R PLANT: (at widest po		1 0 4 cm			n (c2.)	1 1 3 cm
		R PLANT: (at widest po		1 0 4 cm			(c2.)	1 1 3 cm
		R PLANT: (at widest po	int)		(c1.)	1 0 6 cm		
		R PLANT: (at widest po	int) (a1.)		(c1.)	1 0 6 cm		
	SPREAD OF BOLTER	R PLANT: (at widest po	int) (a1.)	3 5 cm 2= Curved	(c1.)	1 0 6 cm		
	SPREAD OF BOLTER	R PLANT: (at widest po	int) (a1.)	3 5 cm	(c1.)	1 0 6 cm		
	SPREAD OF BOLTER BOLTER LEAVES:	R PLANT: (at widest po	int) (a1.) (a1.)	3 5 cm 2= Curved 2	(c1.)	1 0 6 cm		
	SPREAD OF BOLTER	R PLANT: (at widest po 1 = Straight 1 = Entire	int) (a1.) (a1.)	3 5 cm 2= Curved	(c1.)	1 0 6 cm		

1= Not Adapted

2= Organic

2= Adapted

0= Not Tested

1= Mineral

GREENHOUSE:

SOIL TYPE:

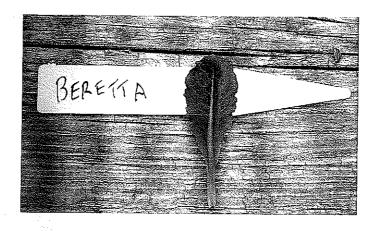
<u> </u>		2004 00 010	Exhibit C (Lettuce) Page 8 of
15. POSTHARVEST STRESS 1= Immune 3= Resistant 5= Mod	lerately Resistant/Modera	itely Susceptible 7= Susceptible	9= Highly Susceptible
Pink Rib	(a1.)	(c1.)	(c2.)
Russet Spotting	(a1.)	(c1.)	(c2.)
Rusty Brown Discoloration	(a1.)	(c1.)	(c2.)
Internal Rib Necrosis (Blackheart, Grey Rib, Grey Streak)	(a1.)	(c1.)	(c2.)
Brown Stain	(a1.)	(c1.)	(c2.)
16. BIOCHEMICAL OR ELECTROPHORI	ETIC MARKERS		
		•	•
		•	
			•
17. COMMENTS			
		•	
	•	•	
		9 a a	
		•	
	S	3- 37 - 1 - 1	
TYPE	Suggested Chec		*
1 Cutting/Leaf		Waldmann's Green	VARIETY
3 Bibb		Dark Green Boston Bibb Barris Joland	
4 Cos or Romaine 5 Great Lakes Group 6 Vanguard Group		Parris Island Great Lakes 659-700	
7 Salinas Group 8 Eastern Group		Vanguard Salinas Ithaca	
9 Stem 10 Latin		Celtuce Little Gem	
		Lime Gem	
	REFERE	VCES	
Bowring, J.D.C., 1969. "The Identification of	Varieties of Letture (La	etuca satina I \" Iournal of th	e National Institute of
Agricultural Bolany 11:499-520, National 1980	tute of Agricultural Bo	tany, Cambridge, UK	
Davis, R.M., K.V. Subbarao, R.N. Raid, and E		-	
Michelmore, R. W., J. M. Norwood, D. S. Ingrato match resistance factors 3, 4, 5, 6, 8, 9, 10 and	am, I. R. Crute and P. P ad 11 in lettuce (<i>Lactuca</i>	licholson. 1984. The inheritance sativa). Plant Pathology 32:176	of virulence in <i>Bremia lactucae</i> -177.
Norwood, J. M., R. W. Michelmore, I. R. Crute (Downy mildew) to match R-factors 1, 2, 4, 6 a	e and D. S. Ingram. 198 nd 11 in lettuce (<i>Lactuc</i>	3. "The inheritance of specific vasativa". Plant Pathology 32:1	irulence of <i>Bremia lactucae</i> 76-177.

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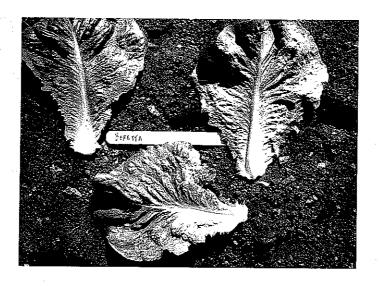
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Beretta - 4th Leaf.jpg



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1. NAME OF APPLICANT(S)	2. TEMPORARY DESIGNATION	3. VARIETY NAME
T. TANKE OF ALT ELOANT(O)	OR EXPERIMENTAL NUMBER	3. VARIET I NAIVIE
Shamrock Seed Company, Inc.	SSC 1121	Beretta
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP, and Country)	5. TELEPHONE (Include area code)	6. FAX (Include area code)
3 Harris Place	(831) 771-1500	(831) 771-1517
Salinas, CA 93901 USA	7. PVPO NUMBER	
OSA	7. PVPO NUMBER 2004 0	0 0 1 0
8. Does the applicant own all rights to the variety? Mark an "X" in th	e appropriate block. If no, please expl a	vin. YES NO
9. Is the applicant (individual or company) a U.S. national or a U.S. t	based company? If no, give name of c	ountry. YES NO
10. Is the applicant the original owner?	NO If no, please answer one	of the following:
a. If the original rights to variety were owned by individual(s), is YES b. If the original rights to variety were owned by a company(ies) YES	NO If no, give name of coun	sed company?
11. Additional explanation on ownership (Trace ownership from original explanation)	nal breeder to current owner. Use the r	everse for extra space if needed):
PLEASE NOTE:		
Plant variety protection can only be afforded to the owners (not licens	sees) who meet the following criteria:	
 If the rights to the variety are owned by the original breeder, that p national of a country which affords similar protection to nationals o 	erson must be a U.S. national, national of the U.S. for the same genus and spec	of a UPOV member country, or ies.
If the rights to the variety are owned by the company which employ nationals of a UPOV member country, or owned by nationals of a genus and species.	yed the original breeder(s), the company country which affords similar protection	y must be U.S. based, owned by to nationals of the U.S. for the same
3. If the applicant is an owner who is not the original owner, both the	original owner and the applicant must n	neet one of the above criteria.
The original breeder/owner may be the individual or company who di Act for definitions.		
According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, control number. The valid OMB control number for this information collection is 0581-0055, including the time for reviewing the instructions, searching existing data sources, gathering	The time required to complete this information collection	ction is estimated to average 0.1 hour per response.

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